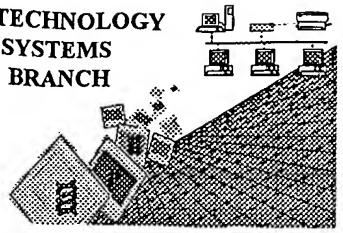
AU location

BIOTECHNOLOGY
SYSTEMS
BRANCH



# RAW SEQUENCE LISTING
# ERROR REPORT

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:**

Application Serial Number: 10/618,126
Source: OIPE
Date Processed by STIC: 7/28/2003

**THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.**
**PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:**
1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

**FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.**

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**http://www.uspto.gov/web/offices/pac/checker**

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2. **U.S. Postal Service:** Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. **Hand Carry directly to:**
   U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
   Or
   U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
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Revised 04/24/2003

OIPE

**RAW SEQUENCE LISTING** DATE: 07/28/2003
PATENT APPLICATION: **US/10/618,126** TIME: 13:36:19

Input Set : **A:\MSB-7295.ST25.txt**
Output Set: **N:\CRF4\07282003\J618126.raw**

```
      3 <110> APPLICANT: Bayer Pharmaceuticals Corporation
      4       FROLAND, Wayne
      5       KELNER, Drew
      6       DUMAS, Michael
      7       PAN, Clark
      8       WHELAN, James
      9       WANG, John
     10       WANG, Wei
     12 <120> TITLE OF INVENTION: PITUITARY ADENYLATE CYCLASE ACTIVATING PEPTIDE (PACAP)
RECEPTOR 3
     13       (VPAC2) AGONISTS AND THEIR PHARMACOLOGICAL METHODS OF USE
     15 <130> FILE REFERENCE: MSB-7295
C--> 17 <140> CURRENT APPLICATION NUMBER: US/10/618,126
C--> 17 <141> CURRENT FILING DATE: 2003-07-11
     17 <150> PRIOR APPLICATION NUMBER: US 60/395,738
     18 <151> PRIOR FILING DATE: 2002-07-12
     20 <160> NUMBER OF SEQ ID NOS: 264
     22 <170> SOFTWARE: PatentIn version 3.2

ERRORED SEQUENCES

     39 <210> SEQ ID NO: 2
     40 <211> LENGTH: 31
     41 <212> TYPE: PRT
     42 <213> ORGANISM: Homo sapiens
     45 <220> FEATURE:
     46 <221> NAME/KEY: MISC_FEATURE
     47 <222> LOCATION: (1)..(31)
     48 <223> OTHER INFORMATION: Ac is acetyl
     50 <400> SEQUENCE: 2
E--> 52 Ac-His Thr Asp Ala Val Phe Thr Asp Gln Tyr Thr Arg Leu Arg Lys Gln
E--> 53       1               5                  10                  15
     56 Val Ala Ala Lys Lys Tyr Leu Gln Ser Ile Lys Gln Lys Arg Tyr
     57             20                  25                  30
    615 <210> SEQ ID NO: 40
    616 <211> LENGTH: 31
    617 <212> TYPE: PRT
    618 <213> ORGANISM: Homo sapiens
    621 <220> FEATURE:
    622 <221> NAME/KEY: MISC_FEATURE
    623 <222> LOCATION: (1)..(31)
    624 <223> OTHER INFORMATION: Ac is acetyl
    626 <400> SEQUENCE: 40
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Does Not Comply
Corrected Diskette Needed
pp 1-7

delete this - do not show these in the sequence.

Please explain modification in <2207-<2237 section without including "Ac-"

p.2

RAW SEQUENCE LISTING DATE: 07/28/2003
PATENT APPLICATION: US/10/618,126 TIME: 13:36:19

Input Set : A:\MSB-7295.ST25.txt
Output Set: N:\CRF4\07282003\J618126.raw

E--> 628 Ac-His Thr Asp Ala Val Phe Thr Asp Asn Tyr Thr Arg Leu Arg Lys Gln
E--> 629 1 5 10 15
632 Val Ala Ala Lys Lys Tyr Leu Gln Ser Ile Lys Gln Lys Arg Tyr
633 20 25 30
1191 <210> SEQ ID NO: 78
1192 <211> LENGTH: 31
1193 <212> TYPE: PRT
1194 <213> ORGANISM: Homo sapiens
1197 <220> FEATURE:
1198 <221> NAME/KEY: MISC_FEATURE
1199 <222> LOCATION: (1)..(31)
1200 <223> OTHER INFORMATION: Ac is acetyl
1202 <400> SEQUENCE: 78
E--> 1204 Ac-His Thr Asp Ala Val Phe Thr Asp Gln Tyr Thr Arg Leu Arg Lys Gln
E--> 1205 1 5 10 15
1208 Val Ala Ala Lys Lys Tyr Leu Gln Ser Ile Lys Asn Lys Arg Tyr
1209 20 25 30
1752 <210> SEQ ID NO: 115
1753 <211> LENGTH: 32
1754 <212> TYPE: PRT
1755 <213> ORGANISM: Homo sapiens
1758 <220> FEATURE:
1759 <221> NAME/KEY: MISC_FEATURE
1760 <222> LOCATION: (1)..(32)
1761 <223> OTHER INFORMATION: PEG is polyethylene glycol
1763 <400> SEQUENCE: 115
1765 His Ser Asp Ala Val Phe Thr Asp Gln Tyr Thr Arg Leu Arg Lys Gln
1766 1 5 10 15
E--> 1769 Val Ala Ala Lys Lys Tyr Leu Gln Ser Ile Lys Gln Lys Arg Tyr Cys-PEG
1770 20 25 30
1773 <210> SEQ ID NO: 116
1774 <211> LENGTH: 32
1775 <212> TYPE: PRT
1776 <213> ORGANISM: Homo sapiens
1779 <220> FEATURE:
1780 <221> NAME/KEY: MISC_FEATURE
1781 <222> LOCATION: (1)..(32)
1782 <223> OTHER INFORMATION: Ac is acetyl; PEG is polyethylene glycol
1784 <400> SEQUENCE: 116
E--> 1786 Ac-His Thr Asp Ala Val Phe Thr Asp Gln Tyr Thr Arg Leu Arg Lys Gln
E--> 1787 1 5 10 15
E--> 1790 Val Ala Ala Lys Lys Tyr Leu Gln Ser Ile Lys Gln Lys Arg Tyr Cys-PEG
1791 20 25 30
1794 <210> SEQ ID NO: 117
1795 <211> LENGTH: 32
1796 <212> TYPE: PRT
1797 <213> ORGANISM: Homo sapiens
1800 <220> FEATURE:
1801 <221> NAME/KEY: MISC_FEATURE

same type of error

p.3

RAW SEQUENCE LISTING DATE: 07/28/2003
PATENT APPLICATION: US/10/618,126 TIME: 13:36:19

Input Set : A:\MSB-7295.ST25.txt
Output Set: N:\CRF4\07282003\J618126.raw

1802 <222> LOCATION: (1)..(32)
1803 <223> OTHER INFORMATION: PEG is polyethylene glycol
1805 <400> SEQUENCE: 117
1807 His Ser Asp Ala Val Phe Thr Asp Gln Tyr Thr Arg Leu Arg Lys Gln
1808 1 5 10 15
E--> 1811 **Met Ala Ala Lys Lys Tyr Leu Gln Ser Ile Lys Gln Lys Arg Tyr Cys-PEG**
1812 20 25 30
1815 <210> SEQ ID NO: 118
1816 <211> LENGTH: 30
1817 <212> TYPE: PRT
1818 <213> ORGANISM: Homo sapiens
1821 <220> FEATURE:
1822 <221> NAME/KEY: MISC_FEATURE
1823 <222> LOCATION: (1)..(30)
1824 <223> OTHER INFORMATION: PEG is polyethylene glycol
1826 <400> SEQUENCE: 118
1828 His Ser Asp Ala Val Phe Thr Asp Gln Tyr Thr Arg Leu Arg Lys Gln
1829 1 5 10 15
E--> 1832 **Val Ala Ala Lys Lys Tyr Leu Gln Ser Ile Lys Gln Lys Cys-PEG**
1833 20 25 30
1836 <210> SEQ ID NO: 119
1837 <211> LENGTH: 32
1838 <212> TYPE: PRT
1839 <213> ORGANISM: Homo sapiens
1842 <220> FEATURE:
1843 <221> NAME/KEY: MISC_FEATURE
1844 <222> LOCATION: (1)..(32)
1845 <223> OTHER INFORMATION: PEG is polyethylene glycol
1847 <400> SEQUENCE: 119
1849 His Thr Glu Ala Val Phe Thr Asp Gln Tyr Thr Arg Leu Arg Lys Gln
1850 1 5 10 15
E--> 1853 **Val Ala Ala Lys Lys Tyr Leu Gln Ser Ile Lys Gln Lys Arg Tyr Cys-PEG**
1854 20 25 30
1857 <210> SEQ ID NO: 120
1858 <211> LENGTH: 32
1859 <212> TYPE: PRT
1860 <213> ORGANISM: Homo sapiens
1863 <220> FEATURE:
1864 <221> NAME/KEY: MISC_FEATURE
1865 <222> LOCATION: (1)..(32)
1866 <223> OTHER INFORMATION: PEG is polyethylene glycol
1868 <400> SEQUENCE: 120
1870 His Ser Asp Ala Val Phe Thr Asp Gln Tyr Thr Arg Leu Arg Lys Gln
1871 1 5 10 15
E--> 1874 **Leu Ala Val Lys Lys Tyr Leu Gln Asp Ile Lys Gln Gly Gly Thr Cys-PEG**
1875 20 25 30
1878 <210> SEQ ID NO: 121
1879 <211> LENGTH: 31
1880 <212> TYPE: PRT

**RAW SEQUENCE LISTING** DATE: 07/28/2003
PATENT APPLICATION: **US/10/618,126** TIME: 13:36:19

Input Set : **A:\MSB-7295.ST25.txt**
Output Set: **N:\CRF4\07282003\J618126.raw**

1881 <213> ORGANISM: Homo sapiens
1884 <220> FEATURE:
1885 <221> NAME/KEY: MISC_FEATURE
1886 <222> LOCATION: (1)..(31)
1887 <223> OTHER INFORMATION: PEG is polyethylene glycol
1889 <400> SEQUENCE: 121
1891 His Ser Asp Ala Val Phe Thr Asp Gln Tyr Thr Arg Leu Arg Lys Gln
1892 1 5 10 15
E--> 1895 **Met Ala Ala Lys Lys Tyr Leu Gln Ser Ile Lys Gln Lys Arg Cys-PEG**
1896 20 25 30
1899 <210> SEQ ID NO: 122
1900 <211> LENGTH: 32
1901 <212> TYPE: PRT
1902 <213> ORGANISM: Homo sapiens
1905 <220> FEATURE:
1906 <221> NAME/KEY: MISC_FEATURE
1907 <222> LOCATION: (1)..(32)
1908 <223> OTHER INFORMATION: PEG is polyethylene glycol
1910 <400> SEQUENCE: 122
1912 His Ser Asp Ala Val Phe Thr Asp Gln Tyr Thr Arg Leu Arg Lys Gln
1913 1 5 10 15
E--> 1916 **Leu Ala Ala Lys Lys Tyr Leu Gln Thr Ile Lys Gln Lys Arg Tyr Cys-PEG**
1917 20 25 30
1920 <210> SEQ ID NO: 123
1921 <211> LENGTH: 32
1922 <212> TYPE: PRT
1923 <213> ORGANISM: Homo sapiens
1926 <220> FEATURE:
1927 <221> NAME/KEY: MISC_FEATURE
1928 <222> LOCATION: (1)..(32)
1929 <223> OTHER INFORMATION: PEG is polyethylene glycol
1931 <400> SEQUENCE: 123
1933 His Ser Asp Ala Val Phe Thr Asp Gln Tyr Thr Arg Leu Arg Lys Gln
1934 1 5 10 15
E--> 1937 **Met Ala Ala Lys Lys Tyr Leu Gln Thr Ile Lys Gln Lys Arg Tyr Cys-PEG**
1938 20 25 30
1941 <210> SEQ ID NO: 124
1942 <211> LENGTH: 32
1943 <212> TYPE: PRT
1944 <213> ORGANISM: Homo sapiens
1947 <220> FEATURE:
1948 <221> NAME/KEY: MISC_FEATURE
1949 <222> LOCATION: (1)..(32)
1950 <223> OTHER INFORMATION: PEG is polyethylene glycol
1952 <400> SEQUENCE: 124
1954 His Ser Asp Ala Val Phe Thr Asp Gln Tyr Thr Arg Leu Arg Lys Gln
1955 1 5 10 15
E--> 1958 **Met Ala Ala His Lys Tyr Leu Gln Ser Ile Lys Gln Lys Arg Tyr Cys-PEG**
1959 20 25 30

RAW SEQUENCE LISTING DATE: 07/28/2003
PATENT APPLICATION: US/10/618,126 TIME: 13:36:19

Input Set : A:\MSB-7295.ST25.txt
Output Set: N:\CRF4\07282003\J618126.raw

1962 <210> SEQ ID NO: 125
1963 <211> LENGTH: 32
1964 <212> TYPE: PRT
1965 <213> ORGANISM: Homo sapiens
1968 <220> FEATURE:
1969 <221> NAME/KEY: MISC_FEATURE
1970 <222> LOCATION: (1)..(32)
1971 <223> OTHER INFORMATION: PEG is polyethylene glycol
1973 <400> SEQUENCE: 125
1975 His Ser Asp Ala Val Phe Thr Asp Gln Tyr Thr Arg Leu Arg Lys Gln
1976 1 5 10 15
E--> 1979 Met Ala Ala Lys His Tyr Leu Gln Ser Ile Lys Gln Lys Arg Tyr Cys-PEG
1980 20 25 30
1983 <210> SEQ ID NO: 126
1984 <211> LENGTH: 31
1985 <212> TYPE: PRT
1986 <213> ORGANISM: Homo sapiens
1989 <220> FEATURE:
1990 <221> NAME/KEY: MISC_FEATURE
1991 <222> LOCATION: (1)..(31)
1992 <223> OTHER INFORMATION: PEG is polyethylene glycol
1994 <400> SEQUENCE: 126
1996 His Ser Asp Ala Val Phe Thr Asp Gln Tyr Thr Arg Leu Arg Lys Gln
1997 1 5 10 15
E--> 2000 Met Ala Gly Lys Lys Tyr Leu Gln Ser Ile Lys Gln Lys Arg Cys-PEG
2001 20 25 30
2004 <210> SEQ ID NO: 127
2005 <211> LENGTH: 31
2006 <212> TYPE: PRT
2007 <213> ORGANISM: Homo sapiens
2010 <220> FEATURE:
2011 <221> NAME/KEY: MISC_FEATURE
2012 <222> LOCATION: (1)..(31)
2013 <223> OTHER INFORMATION: PEG is polyethylene glycol
2015 <400> SEQUENCE: 127
2017 His Ser Asp Ala Val Phe Thr Asp Gln Tyr Thr Arg Leu Arg Lys Gln
2018 1 5 10 15
E--> 2021 Met Ala Lys Lys Lys Tyr Leu Gln Ser Ile Lys Gln Lys Arg Cys-PEG
2022 20 25 30
2025 <210> SEQ ID NO: 128
2026 <211> LENGTH: 31
2027 <212> TYPE: PRT
2028 <213> ORGANISM: Homo sapiens
2031 <220> FEATURE:
2032 <221> NAME/KEY: MISC_FEATURE
2033 <222> LOCATION: (1)..(31)
2034 <223> OTHER INFORMATION: PEG is polyethylene glycol
2036 <400> SEQUENCE: 128
2038 His Ser Asp Ala Val Phe Thr Asp Gln Tyr Thr Arg Leu Arg Lys Gln

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RAW SEQUENCE LISTING DATE: 07/28/2003
PATENT APPLICATION: US/10/618,126 TIME: 13:36:19

Input Set : A:\MSB-7295.ST25.txt
Output Set: N:\CRF4\07282003\J618126.raw

2039 1 5 10 15
E--> 2042 **Met Ala Arg Lys Lys Tyr Leu Gln Ser Ile Lys Gln Lys Arg Cys-PEG**
2043 20 25 30
2046 <210> SEQ ID NO: 129
2047 <211> LENGTH: 31
2048 <212> TYPE: PRT
2049 <213> ORGANISM: Homo sapiens
2052 <220> FEATURE:
2053 <221> NAME/KEY: MISC_FEATURE
2054 <222> LOCATION: (1)..(31)
2055 <223> OTHER INFORMATION: PEG is polyethylene glycol
2057 <400> SEQUENCE: 129
2059 His Ser Asp Ala Val Phe Thr Asp Gln Tyr Thr Arg Leu Arg Lys Gln
2060 1 5 10 15
E--> 2063 **Met Ala Ser Lys Lys Tyr Leu Gln Ser Ile Lys Gln Lys Arg Cys-PEG**
2064 20 25 30
2067 <210> SEQ ID NO: 130
2068 <211> LENGTH: 31
2069 <212> TYPE: PRT
2070 <213> ORGANISM: Homo sapiens
2073 <220> FEATURE:
2074 <221> NAME/KEY: MISC_FEATURE
2075 <222> LOCATION: (1)..(31)
2076 <223> OTHER INFORMATION: PEG is polyethylene glycol
2078 <400> SEQUENCE: 130
2080 His Ser Asp Ala Val Phe Thr Asp Gln Tyr Thr Arg Leu Arg Lys Gln
2081 1 5 10 15
E--> 2084 **Met Ala Ala Lys Lys Tyr Leu Gln Ser Ile Pro Gln Lys Arg Cys-PEG**
2085 20 25 30
2088 <210> SEQ ID NO: 131
2089 <211> LENGTH: 31
2090 <212> TYPE: PRT
2091 <213> ORGANISM: Homo sapiens
2094 <220> FEATURE:
2095 <221> NAME/KEY: MISC_FEATURE
2096 <222> LOCATION: (1)..(31)
2097 <223> OTHER INFORMATION: PEG is polyethylene glycol
2099 <400> SEQUENCE: 131
2101 His Ser Asp Ala Val Phe Thr Asp Gln Tyr Thr Arg Leu Arg Lys Gln
2102 1 5 10 15
E--> 2105 **Met Ala Ala Lys Lys Tyr Leu Gln Ser Ile Gln Gln Lys Arg Cys-PEG**
2106 20 25 30
2109 <210> SEQ ID NO: 132
2110 <211> LENGTH: 31
2111 <212> TYPE: PRT
2112 <213> ORGANISM: Homo sapiens
2115 <220> FEATURE:
2116 <221> NAME/KEY: MISC_FEATURE
2117 <222> LOCATION: (1)..(31)

**RAW SEQUENCE LISTING** DATE: 07/28/2003
PATENT APPLICATION: **US/10/618,126** TIME: 13:36:19

Input Set : **A:\MSB-7295.ST25.txt**
Output Set: **N:\CRF4\07282003\J618126.raw**

2118 <223> OTHER INFORMATION: PEG is polyethylene glycol
2120 <400> SEQUENCE: 132
2122 His Ser Asp Ala Val Phe Thr Asp Gln Tyr Thr Arg Leu Arg Lys Gln
2123 1 5 10 15
E--> 2126 **Met Ala Ala Lys Lys Tyr Leu Gln Ser Ile Arg Gln Lys Arg Cys-PEG**
2127 20 25 30
2130 <210> SEQ ID NO: 133
2131 <211> LENGTH: 31
2132 <212> TYPE: PRT
2133 <213> ORGANISM: Homo sapiens
2136 <220> FEATURE:
2137 <221> NAME/KEY: MISC_FEATURE
2138 <222> LOCATION: (1)..(31)
2139 <223> OTHER INFORMATION: PEG is polyethylene glycol
2141 <400> SEQUENCE: 133
2143 His Ser Asp Ala Val Phe Thr Asp Gln Tyr Thr Arg Leu Arg Lys Gln
2144 1 5 10 15
E--> 2147 **Met Ala Ala Lys Lys Tyr Leu Gln Ser Ile Lys Gln Arg Arg Cys-PEG**
2148 20 25 30
2151 <210> SEQ ID NO: 134
2152 <211> LENGTH: 31
2153 <212> TYPE: PRT
2154 <213> ORGANISM: Homo sapiens
2157 <220> FEATURE:
2158 <221> NAME/KEY: MISC_FEATURE
2159 <222> LOCATION: (1)..(31)
2160 <223> OTHER INFORMATION: PEG is polyethylene glycol
2162 <400> SEQUENCE: 134
2164 His Ser Asp Ala Val Phe Thr Asp Gln Tyr Thr Arg Leu Arg Lys Gln
2165 1 5 10 15
E--> 2168 **Met Ala Ala Lys Lys Tyr Leu Gln Ser Ile Lys Gln Lys Ala Cys-PEG**
2169 20 25 30

**VERIFICATION SUMMARY** DATE: 07/28/2003
PATENT APPLICATION: **US/10/618,126** TIME: 13:36:20

Input Set : **A:\MSB-7295.ST25.txt**
Output Set: **N:\CRF4\07282003\J618126.raw**

L:17 M:270 C: Current Application Number differs, Replaced Current Application No
L:17 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:52 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:52 M:330 E: (2) Invalid Amino Acid Designator, NUMBER OF INVALID KEYS:1
L:53 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2
L:628 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:628 M:330 E: (2) Invalid Amino Acid Designator, NUMBER OF INVALID KEYS:1
L:629 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:40
L:1204 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:1204 M:330 E: (2) Invalid Amino Acid Designator, NUMBER OF INVALID KEYS:1
L:1205 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:78
L:1769 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:1786 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:1786 M:330 E: (2) Invalid Amino Acid Designator, NUMBER OF INVALID KEYS:1
L:1787 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:116
L:1790 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:1811 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:1832 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:1853 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:1874 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:1895 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:1916 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:1937 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:1958 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:1979 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2000 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2021 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2042 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2063 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2084 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2105 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2126 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2147 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2168 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2189 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2210 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2231 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2252 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2273 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2294 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2315 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2336 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2357 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2378 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2399 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2420 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2441 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2462 M:333 E: Wrong sequence grouping, Amino acids not in groups!

**VERIFICATION SUMMARY** DATE: 07/28/2003
PATENT APPLICATION: **US/10/618,126** TIME: 13:36:20

Input Set : **A:\MSB-7295.ST25.txt**
Output Set: **N:\CRF4\07282003\J618126.raw**

L:2483 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2504 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2525 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2546 M:333 E: Wrong sequence grouping, Amino acids not in groups!